First, using the triangle shown here, fill in the special relationship the sides of a 45-45-90 triangle have.


Now, for each video you watch, fill in the problem and the solution for at least one of the examples presented.

## Video 1

Problem:



Video 2
Problem:


Solution:


Video 3
Problem:


## Solution:



Video 4
Problem:

## Solution:



Video 5
Problem:


Now create and solve your own problem. Please do not use any of the problems presented in the videos.

Problem:


Solution:


